

What is Claimed is:

- Sub A
1. A magnetic motor comprising:
a plurality of rotor magnets positioned along a rotor and attached to a main shaft;
a plurality of drive magnets positioned along a drive magnet hub and located
5 generally inside the rotor;
the drive magnet hub being laterally movable into and out of the inside of the
rotor for controlling torque and speed of the shaft.
 2. The magnetic motor of claim 1 further comprising a timing mechanism for
receiving power and generating power pulses selectively supplied to each rotor magnet.
 - 10 3. The magnetic motor of claim 1 wherein the drive magnet hub is laterally
removable by a plunger mechanism.
 4. The magnetic motor of claim 3 wherein the plunger is operated by a hydraulic
control mechanism.
 5. The magnetic motor of claim 1 wherein the plurality of drive magnets each
15 further comprise a magnet coil being longitudinally wound around the magnet.
 6. The magnetic motor of claim 1 wherein each of the drive magnets further
comprises a pair of recharge plates mounted on opposite poles thereof.
 7. The magnetic motor of claim 1 wherein each of the plurality of rotor magnets
further comprises a pair of rotor magnet recharge plates mounted on opposite poles thereof.

20

Add
A2